

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927520011-4

VOJIR,R.; KUNCOVA,S.

Unusual mental disorders in febrile diseases. Activ.nerv.sup.  
6 no.1:102-103 '64

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927520011-4"

VOJIR, R.; KUNCOVA, S.

Unusual mental disorders in inflammatory brain diseases. Česk.  
psychiat. 60 no.4:246-249 Ag '64.

1. Neurologické oddelení nemocnice v Praze na Bulovce.

KUDELA, Vlastimil; PERMAN, Pavel; KUNCOVA, Vera

Study of the apparent and real specific weight of coke.  
Prace Ust paliv 8:82-97 '64.

1. Research Institute of Fuels, Bechovice.

KUNCOVA, Z.

Glutamic acid in the treatment of oligophrenia in children. Pediat.  
listy, Praha 8 no.1:11-14 Feb 1953. (CLML 24:3)

I. M. D., Assistant at the Pediatric Department of PZS (Head--Docent  
Pisarovicova-Cizkova, M. D.)

KUNCIOVA, M.; VINAŘICKÝ, R.

Food selection by rats exposed to physical stress. Česk. fysiolog. 7 no.4:  
372-373 July 58.

1. Fysiologicky učastav M.U. Brno.  
(NUTRITION

food selectivity of rats exposed to physical exercise (Cz))  
(EXERCISE, eff.  
on food selectivity in rats (Cz))

KUNCOVA, Zdenka; MULLEROVA, Andela

A survey of idioneural excitability in school children. Cesk. pediat.  
13 no.4:328-333 5 May 58.

1. Detske oddeleni fakultni polikliniky. Z.K., Praha II, Karlovo nam.  
33.

(AUTONOMIC NERVOUS SYSTEM, physiol.  
idioneural excitability in child. (Cz))  
(NERVOUS SYSTEM, physiol.  
same)

KUNC, Zdenek; KUNCOVA, Zdenka

Spinal meningocele & meningomyeloceles. Cas. lek. cenz. 97 no.25:  
769-775 20 June 58.

1. Neurochirurgicke oddeleni UVK v Praze. Detske oddeleni fakulni  
nolikliniky v Praze.  
(SPINA BIFIDA, surg.  
meningocele & spine bifida, indic. & technic (Cz))

VITEK, J.; KUNCOVA, Zd.; NESPOR, E.

Basal neuropathy in a paroxysmal disease. Cesk.pediat. 14 no.12:  
1075-1079 D '59.

1. Fakultni poliklinika KU v Praze.  
(EPILEPSY)

KUNCOVA, Zdenka; PAVLASKOVA, Irena; THEJNY, Zdenek; TROCHOVA, Katerina

Seaside treatment of asthmatic children. Cesk.pediat. 15 no.9:  
778-781 S '60.

1. Detske oddeleni Fakultni polikliniky v Praze 2, prednostka  
MUDr. Zdenka Kuncova.  
(ASTHMA in infancy & childhood)  
(CLIMATE ther.)

KUNCובה, Z.; HALIKOVA, M.; MULLEROVA, A.; PAVLASKOVA, I.; SOMMROVA, V.;  
TROCHOVA, K.

Experiences with the treatment of asthmatic children. Cesk.pediat.  
15 no.9:782-784 S '60.

1. Detskie oddeleni Fakultni polikliniky v Praze 2, prednostka  
MUDr. Zdenka Kuncova.  
(ASTHMA in infancy & childhood)

KUNCOVA, Z.; HORACKOVA, M.

Ambulatory follow-up of underweight children in varied etiology.  
Cesk.pediat.16 no.2:128-134 F '61.

1. Pediatricka katedra fakulty vseobec. lekarstvi KU, detske  
oddeleni Fakultni polikliniky v Praze, prednosta prof. dr.  
F. Blazek.

(THINNESS in inf & child)

KUNCOVA, Z.

An analysis of headache in childhood. Cesk. pediat. 16 no.9:790-797  
S '61.

1. Detske oddeleni Fakultni polikliniky v Praze 2, vedouci MUDr.  
Zdenka Kuncova.

(HEADACHE in inf & child)

SVEJCAR, J., MUDr. prof.; KUNCOVA, Z., MUDr.; LHOTAK, J., MUDr.

Respiratory allergic diseases in children. Zdrav. aktuality no.1/7:  
28-49 '61.

(ASTHMA in inf & child) (RESPIRATORY SYSTEM dis)  
(ALLERGY in inf & child) (HOSPITAL OUTPATIENT SERVICE)  
(PEDIATRICS hosp & clin)

KUNCOVA, Z.; SKORPIL, V.; KREDBA, J.

Electromyographic studies of children with spasmophilic symptoms.  
Cesk. neurol. 25 no.1:11-16 Ja '62.

1. Detske oddeleni fakultni polikliniky v Praze 2 Neurochirurgicka  
klinika v Praze-Stresovicich a fyziatricke oddeleni UVN v Praze-  
Stresovicich.

(ELECTROMYOGRAPHY in inf & child)  
(SPASMOPHILIA in inf & child)

KUNCOVA, Zdenka; VLADYKA, Vilibald

Electroencephalographic findings in children with spasmophilia. Cesk. neurol. 25 no.4:255-263 Jl '62.

1. Detske oddeleni fakultni polikliniky v Praze, neurochirurgicka klinika fakulty vseobacneho lekarstvi Karlovy university v Praze.

(ELECTROENCEPHALOGRAPHY in inf & child)  
(SPASMOPHILIA in inf & child)

KUNC'OVÁ, Z.

CZECHOSLOVAKIA

KUNCOVA, Z., MD. Cao; Slesarova, V. MD.

1. Children's Ward of the Faculty Polyclinic (Detske oddeleni  
fakultni polikliniky), Prague (for Kuncova); 2. UNZ  
People's Committee of the Capitol (UNZ Narodniho vyboru  
hlavnihho mesta), Prague

Prague, Prakticky lekar, No 1, 1963, pp 10-15

"The Occurrence of Orthopedic Defects in Children."

CZECHOSLOVAKIA

KUNCOVA, Z., MD., CSc.

Children's Ward of the Faculty Polyclinic (Detske  
oddeleni fakultni polikliniky), Prague

Prague, Prakticky lekar, No 17, 1963, pp 670-671

"Some Problems of Spasmophilic Neuropathy in Children."

KUNCובה, Z.; VLADYKOVA, J.

Importance of ophtalmodynamometry in the diagnosis of vaso-motor cephalgia in children. Cesk. pediat. 18 no.11:996-1002 N°63.

L. Detske oddeleni fakultni polikliniky v Praze 2 (vedouci: MUDr.Z.Kuncova, CSc.) a Ocní oddeleni UVN v Praze (nacelník: doc.V.Jencí).

KUNCOVA, Z.; HAVLICKOVA, V.

Morbidity in children in creches during the period 1953-  
1962 in the Czechoslovakian SSR. Cesk pediat. 19 no.10:  
912-924 O '64.

1. Detske oddeleni fakultni polikliniky v Praze 2, (vedouci  
doc. dr. Z. Kuncova, CSc.) a Ministerstvo zdravotnictvi, odbor  
pece o zenu a dite (vedouci MUDr. O. Stoiova).

L 12928-66

ACC NR: AF6005637

SOURCE CODE: CZ/0079/65/007/002/0143/0143

AUTHOR: Pavlaskova, I.; Kuncova, Z.; Ronova, R.

ORG: none

TITLE: Development of children placed in day nurseries [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 143

TOPIC TAGS: psychology, man

ABSTRACT: 82 infants admitted at ages between 2 and 12 months were studied; adaptations to new conditions, and influence of the negative signs of adaptation on the general psychosomatic development are discussed. The group of 9-12 months had the poorest adaptability, the group 3 - 6 months the best. Psychomotor development was very good. The best physical growth and development were observed in children admitted to the nursery school at 9-12 months. [JPRS]

SUB CODE: 05 / SUBM DATE: none

Card 1/1

KUNCOVSKY, F.

Electroosmotic strengthening of soils.

P. 123 (Zeleznicni Technika) Vol. 5, No. 5, May 1957, Czechoslovakia

SO: MONTHLY INDEX OF EASTERN EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7. No. 1, JAN. 1958

KUNCZ. D, 1948

(Univ. Clinic of Obst. No 2, Budapest)

"Histological Changes in Spayed Juvenile Rats Fed on Vitamin A Free Diet and Showing Colpokeratosis."

Prof. Szarka Memorial Volume, 1948 (95-99)  
Abst: Exc. Med.III, Vol. III, No. 4, p. 163

KUNCSZ, D.

KUNCSZ, D., TURR, E.

Effect of intrauterine administration of follicular and luteinic  
hormones. Magy. noorv. lap. 13:7, July 50. p. 227-32

1. Second Women's Clinic (Acting Head—Dr. Imre Zoltan), Budapest  
University.

CLML 19, 5, Nov., 1950

GERLOCZY, F.;BENCZE, B.;SZENASY, J.;KUNCZ, D.

Studies on the vitamin E Barrier of the placenta. Acta med. hung.  
2 no.3-4:413-420 1951. (CIML 23:2)

1. Of the First Pediatric Clinic and of the Second Gynecological Clinic,  
Budapest University.

KUNCZ, D. 1951

(Dept. of Ped. & Dept. of Obstet., U. of Budapest. Med. School)"

"Examination of the Vitamin-E Barrier of the Placenta."

Experientia (Basel), 1951, 7/11 (427-428)  
Abst: Exc. Med. 11, Vol. 5, No. 8, p. 920

KUNOCZ DENES; VAGY DEZSO; SZIGVARTI LAGZO; TOTH J. JANOS

Complication of pregnancy in eighth month by traumatic diphasic ruptura  
of the spleen. Mary. neov. Jan 22 no.2:12)-124 May 57.

1. A Makoi Varosi Tanacs Korhaza noosztalyanak (foorvos: Kunocz Denes)  
es sebenzeti osztalyank: (Ignazento-foorvos: Toth J. Janos) kezeleneve.  
(PREGNANCY, compl.

spleen rupt., traumatic, diphasic, in eighth month, surg.  
(Hun))  
(SPLERN, rupt.

in pregn., traumatic diphasic rupt. in eighth month, surg.  
(Hun))

KUNCZ, E.; BALAJTHY, B.; WALSA, R.

On the relation between the clinical, electroencephalographic  
and pathological findings in the senile psychiatric disease  
picture. Acta med. acad. sci. Hung. 21 no.1:79-98 '65.

1. Abteilung fuer Neurologie und Psychiatrie (Chefarzt: Dr.  
L. Angyal), Robert Karoly-Krankenhaus, Budapest, und Gesund-  
heitsdienst der ungarischen Volksarmee, Budapest.

ANGYAL, Lajos, dr.; VARGA, Gyula, dr.; KRASZNAI, Ivan, dr.;  
GORTVAI, Gyorgy, dr.; KALMAR, Katalin, dr.; GALLY, Maria, dr.;  
KUNCZ, Elemer, dr.

Intraarterial procaine therapy in hypertension. Ideg. szemle  
8 no.1. 23-30 Feb 55.

1. A Robert Karoly koruti klinikai koskohaz koslemenye (igazgato:  
Kraszna Ivan dr.)

(HYPERTENSION, ther.

procaine nerve block, results & mechanism of depressor eff.  
(Hun))

(PROCAINE, anesth. & analgesia

nerve block in hypertension, results & mechanism of  
depressor eff. (Hun))

(ANESTHESIA, REGIONAL, in various dis.

procaine nerve block in hypertension, results &  
mechanism of depressor eff. (Hun))

KUNCZ, Elemer, dr.

Data on the classification of recurrent paranoid psychoses according to nosological principles. Ideggyogy. szemle 14 no.5:140-147 My '61.

1. Budapesti XIII ker. Tanacs Robert Karoly koruti Kozkorhaza (Igazgato: Krasznai Ivan dr.) III sz. noi elme- es idegosztalyanak (Foortvos: Angyal Lajos dr.) kozlemenye.

(PARANOIA)

HUNGARY

LUNCZ, Lajos, Dr; THORMAI, Istvan, Dr; Robert Karoly Blvd, Public Hospital of the XII. District Council of Budapest (Budapesti XII.ker. Tanacs Robert Karoly korutai Kozkorhaza) (director: KRASZNAI, Ivan, Dr), XII. Women's Neurological and Psychiatric Ward (III.sz. rogi elme-es lelkoosztaly) (chief physician: ANGYAL, Lajos, Dr ).

"Text Analysis of the Diary of a Schizophrenic Patient."

Budapest, Ideggyogyaszati Szemle, Vol XIV, No 3, Mar 63, pages 77-80.

Abstract: [Authors' Hungarian summary] Seventy pages of a diary written over the period of one year by a 39 years old woman are studied by the authors in order to evaluate the phases of an autistic emotional world and self-idealizing tendencies. The authors conclude that the diary, as a form, is identical with a written monologue through which the patient, isolated from the outside world, betrays her aloneness. The bizarre use of words and change of concepts reveal a certain striving for autonomy, for the preservation of the self. 1 Hungarian, 3 Western references.

13/2

KUNCZ, Elemer, dr.; THORDAI, Istvan, dr.

Text analysis of the diary of a schizophrenic patient. Ideggyogy.  
szemle 16 no.3:77-80 Mr '63.

1. A budapesti XIII. ker Tanacs Robert Karoly koruti Kozkorhaza  
(Igazgato: Krasznai Ivan dr.) III. sz. noi elme- es idegosztalyanak  
(Foorvos: Angyal Lajos dr.) kozlemenye.  
(SCHIZOPHRENIA)

KUNCEWSKI, Zygmunt

KUNCEWSKI, ZYGMUNT.

KUNCEWSKI, ZYGMUNT. Urządzenia i maszyny w hodowli zwierząt gospodarskich.  
(1. wyd.) Warszawa, Państwowe Wydawn. Rolnicze i Leśne, 1955. 84 p.  
(Implements and machinery used in breeding farm animals. 1st ed.)

DA

Not in: DLC

AGRICULTURE  
Poland

To: East European Accession, Vol. 6, No. 5, May 1957

KUND, E.

KUND, E. Mechanization of the production of hoed plants in relation to the production of corn. p. 46.

Vol. 2, No. 2, Feb. 1955.  
JARNUVEK NEZCGAZIASAGI GEPEK.  
TECHNOLOGY  
Budapest, Hungary

See: East European Accesision, Vol. 5, No. 5, May 1956

KUHD, Ede, a műszaki tudományok kandidátusa, Kossuth-díjas egyetemi tanár

Mechanization of soil protection. Jarmu mezo gep 5 no.1:22-25  
Mr '58.

1. Budapesti Műszaki Egyetem.

KUND, Ede, a mezogazdasagi tudomanyok doktora

Is soil erosion hindered also by the leaves of plants besides  
their roots? Elet tud 19 no.25:1188 19 Je '64.

HUNGARY / Soil Science Tilling. Melioration. Erosion. J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48703

Author : Kund, Ede

Inst : Not given

Title : Erosion and Soil Conservation

Orig Pub : Magyar mezögazd., 1957, 12, No 17, 12-13

Abstract : No abstract given

Card 1/1

62

451671

RWJD

KUND, Ede, a muszaki tudomanyok kandidatusa

Engineering operations in developing Hungary's agriculture. Muszaki  
kozl MTA 28 no.1/4:283-297 '61. (EEAI 10:9)

(Agriculture)

Kund, G. G.

ZAYDEL', A.N.; KALITEYEVSKIY, N.I.; KUND, G.G.; FRATKIN, Z.G.

Spectrum analysis by the evaporation method. Part 3.

Role of "carriers" in the spectrum analysis of uranium.

Opt. i spektr. 2 no.1:28-33 Ja '57.

(MLRA 10:2)

(Uranium--Spectra)

ZAYDEL', A.N.; KALITEYEVSKIY, N.I.; KUND, G.G.; FRATKIN, Z.O.

Function of carriers in the spectrum analysis of materials of  
low volatility. Fiz.sbor. no.4:29-30 '58. (MIRA 12:5)

1. Fizicheskiy institut Leningradskogo ordena Lenina gosudar-  
stvennogo universiteta imeni A.A.Zhdanova.  
(Uranium compounds--Spectra)

24.6700

67161

SOV/51-7-6-29/38

AUTHORS: Zhilinskiy, A.G. and Kund, G.G.TITLE: On the Spectral Determination of the Isotopic Composition of Strontium

PERIODICAL: Optika i spektroskopiya, 1959, Vol 7, No 6, pp 836-837 (USSR)

ABSTRACT: Strontium has four stable isotopes with atomic weights of 84, 86, 87 and 88. Sr<sup>87</sup> is formed by  $\beta$ -decay of Rb<sup>87</sup> and consequently the amount of the former is related to the ratio Rb/Sr and the age of the minerals from which a particular sample was obtained. Consequently the ratio of the relative abundance of Sr<sup>87</sup> with respect to that of the even isotopes of strontium is used to determine the geological age of rocks (Ref 1). Isotopic displacements of the spectral lines of strontium are so small that the lines of the even isotopes merge together while the line of Sr<sup>87</sup>, whose nucleus has a spin of I = 9/2, has a clear hyperfine structure (Ref 2). This makes it possible to determine the relative proportions of the even and the odd isotopes of Sr by measuring the ratio of the intensities of the line representing the three even isotopes and the components of the Sr<sup>87</sup> line. For this purpose the hyperfine structure was recorded photoelectrically employing the apparatus used for studies of the isotopic structure of lead (Ref 3). An Sr II line at 4078 Å, corresponding to the transition  $^2S_{1/2} - ^2P_{3/2}$  was used. The hyperfine structure of this line is due to

Card 1/3

4

67161

SOW/51-7-6-29/38

## On the Spectral Determination of the Isotopic Composition of Strontium

splitting of the term  $^2S_{1/2}$ , which amounts to  $0.158 \text{ cm}^{-1}$  (Ref 2) and is shown schematically in Fig 1. Separation between etalons (32 cm) was such that the A and B h.f.s. components (Fig 1) of the consecutive orders were superimposed. A typical recording of the  $4078 \text{ \AA}$  line structure is shown in Fig 2 for a sample with 40% of Sr<sup>87</sup> (the reflectivity of the etalon mirrors was 80%). Partial superposition of the line contours of the even and odd isotopes is due to insufficient resolution of the etalon and due to Doppler broadening of the lines. For this reason the authors used a calibration graph and to construct it they employed samples whose composition was known precisely from mass-spectrographic measurements. The calibrating graph departed strongly from a straight line especially in the region where the amount of Sr<sup>87</sup> was close to 7% (7% is the lower limit of Sr<sup>87</sup> concentration in natural strontium). The graph was constructed for concentrations of 7.0-52.6% Sr<sup>87</sup> using six standards with 7.03, 15.0, 20.0, 30.0, 40.0 and 52.6% of Sr<sup>87</sup>. In analyses of samples with 15-50% Sr<sup>87</sup> the relative error amounted to 2-3%, while in the case of samples with 7-15% Sr<sup>87</sup> the error rose to 5-7%. Acknowledgments are made to ✓

Card 2/3

67161

SOV/51-7-6-29/38

On the Spectral Determination of the Isotopic Composition of Strontium

A.N. Zaydal' for his advice and to I. Ye. Sturik and V.S. Zolotarev for supplying separated strontium isotopes. There are 2 figures and 3 references, 2 of which are Soviet and 1 German.

SUBMITTED: July 8, 1959

4

Card 3/3

ZHIGLINSKIY, A.G.; ZAYDEL', A.N.; KUND, G.G.

Autocollimation setup for the photoelectric recording of  
hyperfine structure. Opt. i spektr. 10 no.6:792-796 Je '61.  
(MIRA 14:8)  
(Interferometry) (Photoelectric measurements)

S/169/62/000/012/006/095  
D228/D307

AUTHORS: Zaydel', A.N., Zhiglinskiy, N.G., and Kund, G.G.

TITLE: Isotopic spectral analysis

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1962, 10,  
abstract 12-80 (Byul. Komis. po opredeleniyu absol-  
yutn. vozrasta geol. formatsiy, AN SSSR, no. 5,  
1962, 60-62)

TEXT: The most prevalent, accurate, sensitive and universal method of mass-spectrometrically determining isotopic composition involves various difficulties of principle and technique. Spectral methods based on the differences existing in the atomic and molecular spectra of different isotopes employ the simpler equipment and require less time. Methods of spectrally determining the isotopic composition have been employed for a series of elements. ✓ The authors are now working on new methods for determining the isotopic composition of magnesium and oxygen. Equipment with a resolving power of up to  $10^6$  for studying atomic spectra generally con-

Card 1/2

Isotopic spectral analysis

S/169/62/000/012/006/095  
D228/D307

sists of a light source (hollow cathode, high-frequency discharge tube), a pre-analyzing monochromator, a Fabri-Pero interferometer, and a photoelectric recording photometer. This apparatus determines the isotopic composition with a precision of from tenths of a percent to several percent of the specific concentration. Equipment for determining the isotopic composition from molecular spectra does not require an interferometer but usually contains a spectrograph with a resolving power of  $\sim 10^4$ ; an arc serves as the light source. A new method is used for determining the isotopic composition of hydrogen and uranium, based on the measurement of the vapor with isotopic composition. Determinations of the isotopic composition of strontium carried out by the authors gave an accuracy of 3-5%, and lasted about 1½ hours. Work by the authors on improving the isotopic composition of lead increased the measurement accuracy for all isotope concentrations by 2-3% of the content of each isotope. 27 references.

[ Abstracter's note: Complete translation ]

Card 2/2

ZHIGLINSKIY, A.G.; ZAYDEL', A.N.; KUND, G.G.

Spectrum analysis of Pb<sup>204</sup>. Geokhimiia no.1:88-91 Ja '63.  
(MIRA 16:9)

1. Leningradskiy gosudarstvennyy universitet.  
(Lead isotopes—Spectra)

1. KUNDA, A.
2. USSR (600)
4. Telegraph lines
7. High-quality network for technical communication lines, Sov. sviaz., No. 10, 1951.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

1. KUNDA, A.
2. USSR (600)
4. Telephone Lines
7. High-quality network for technical communication lines, Sov. sviaz.,  
3, No. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

KUNDA, V.A. (Pruzhanskiy rayon, solo slomintsy)

I am very grateful. Rab.i sial. 37 no.11:15 N '61.  
(NRA 14:10)  
(Pruzhan District--Boarding schools)

CZECHOSLOVAKIA

KUNDA, S.; Psychiatric Department, Okresni Institute of National Health, Polyclinic (Psychiatricky Oddelenie OUNZ), Banska Bystrica; Psychiatric Department Okresni Institute of National Health (Psychiatricky Oddelenie OUNZ), Rimavska Sobota.

"On the Clinical Picture of Alcohol Addiction."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 4, Aug 66, pp 261 - 266

Abstract /Author's English summary modified\_7: Clinical course of dependency on alcohol within the picture of alcoholic addiction is described. The clinical picture is regular, interrupted by acute alcoholic psychosis, and resulting in chronic alcoholism. The variety of the people afflicted suggests that alcoholic addiction is not caused by "toxicomanic" traits of the personality, but rather by the individual psychopharmacological effect connected to the metabolic "affinity" to the drug. Alcoholic addicts should be treated as in-patients in hospitals. 1 Western, 6 Czech, 3 Russian, 1 East German reference. (Manuscript received 24 Dec 64).

1/1

KHARCHENKO, V., inzh.-tekhnolog (Leningrad); MARTOS, N., master-povar;  
KUNDA, V., inzh.-tekhnolog; AKULINICHEV, M. (Leningrad)

Letters to the editor. Obshchestv. pit. no. 1:36-37 Ja '61.  
(MIRA 14:1)

1. Zaveduyushchiy proizvedstvom restorana "Taymyr," g. Noril'sk  
(for Martos). 2. Otdel obshchestvennogo pitaniya Mordovskogo  
potrebsoyuza (for Kunda).

(Restaurants, lunehrooms, etc.)

R/009/62/000/007/001/001  
D272/D308

AUTHORS: Cosma, Dante, Baicu, Stefania, Kundacgian, Ardas  
and Hubert, Hilda, Engineers

TITLE: Considerations concerning the production of a ferrite-martensitic refractory steel for gas turbine blades

PERIODICAL: Metalurgia și construcția de mașini, no. 7; 1962,  
586-593

TEXT: The processing of a Nb-containing ferrito-martensitic refractory steel was studied, in an effort to develop a material suitable for the construction of gas turbine blades operating in the temperature interval 550-650°C, with mechanical properties equal to those of the high Ni-Cr content austenitic steels used for this purpose. The composition of the starting material was: C 0.16, Mn 0.76, Si 0.35, Sr 11.40, V 0.30, Mo 0.60, Nb 0.28, Ni 0.48, N<sub>2</sub> 0.060 and O<sub>2</sub> 0.0080%. Macroscopic and microscopic faults appear in this steel after the required thermal treatments and these were eliminated by a series of preventive measures. Blow formation was

Card 1/2

Considerations concerning ...

R/009/62/000/007/001/001  
D272/D308

prevented by a considerable reduction of the gas content at the moment of casting; this was accomplished by several complementary actions comprising vigorous boiling of the bath, advanced deoxidation, and lowering of the temperature in certain stages of the process. The strong tendency for trans-crystallization was prevented by increasing the rate of crystallization, by using thin-walled ingot moulds (high temperature gradient) and low casting temperatures ( $1540 \pm 20^{\circ}\text{C}$ ), and by hindering the tendency towards crystal growth by the use of low melting and surface active modifiers (Ca-Si). The formation of parallel linear structures was prevented by elimination of the  $\alpha(\delta)$  phase through an addition of 1.75 - 2.75% Ni. The results were highly satisfactory, and allowed austenitic steels to be replaced by the cheaper ferrito-martensitic steels for gas turbine blades. There are 10 figures and 4 tables.

ASSOCIATION: Institutul de cercetări metalurgice (Metallurgical Research Institute)

Card 2/2

R/009/62/000/011/001/002  
D272/D308

AUTHORS: Cosma, Dante, Kundacgian, Ardas, Panaitescu, Florin,  
Engineers, Matei, Constantin and Nedelcovici, Valeria,  
Engineer

TITLE: The steel 40C10 microalloyed with boron

PERIODICAL: Metalurgia și Construcția de Mașini, no. 11, 1962,  
984-988

TEXT: After a detailed discussion of the theory and practical experience relating to the microalloying of constructional steels with B in order to improve their temperability, some results are presented on an investigation of the effects of microquantities of B, added to the steel 40C10, upon its temperability and several of its mechanical properties. Ferroborn (with 16% B) was added after denitriding and deoxidation of the steel in the furnace by additions of ferro-titanium and aluminum. The B content in the steel varied between 0.0003 and 0.0052%, achieving degrees of assimilation in the range 30-90%. The results were compared with those obtained

Card 1/2

The steel 40C10 ...

R/009/62/000/011/001/002  
D272/D308

on B-free specimens subjected to the same treatment. No faults were observed in the macroscopic and microscopic examination of the specimens containing B, in comparison with those lacking it. An increase of the temperability (determined in accordance with STAS E 4950-55) by a factor of 1.5-2 was observed in the B-containing specimens, but no variation of the temperability with the B content was noted. The B content caused an increase in the tensile strength and in the yield limit. Comparative diagrams of the variation of the mechanical characteristics as a function of the recovery temperature (400-600°C) for B containing and B lacking 40C10 steel have made possible the determination of increases in the yield limit, the elongation, the constriction and the resilience for equal values of the tensile strength. There are 6 figures and 5 tables.

ASSOCIATION: Institutul de cercetări metalurgice (Metallurgical Research Institute)

Card 2/2

KUNDACGIAN, Ardas, ing.; MATEI, Constantin, ing.; PANAITESCU, Florin, ing.

The 18 MoCN 06 steel as a substitute of the 13 CN 25 steel in manufacturing drilling bits. Metalurgia constr mas 14 no. 5:394-398 My '62.

1. Institutul de cercetari metalurgice.

COSMA, Dante, ing.; KUNDAGIAN, Ardas, ing.; PANAITESCU, Florin, ing.;  
MATEI, Constantin; NEDELCOVICI, Valeria, ing.

The 40 C 10 steel microalloyed with boron. Metalurgia constr mas  
14 no.11:984-988 N '62.

1. Institutul de cercetari metalurgice.

KUNDAKBAYEVA, R.B.

Effect of functional disorder of the sympathoadrenal system  
on the electrical activity of the brain. Zdrav. kazakh.  
22 no.1:54-56 '62. (MIRA 15:3)

1. Iz kafedry normal'noy fiziologii (zav. - prof. A.A. Uzbekov)  
Karagandinskogo meditsinskogo instituta.  
(ADRENAL GLANDS—EXCISION)  
(ELECTROENCEPHALOGRAPHY)

MERZHEYEVSKAYA, O.I. [Merzheuskaja, V.I.]; KHOT'KO, E.I. [Khats'ko, E.H.];  
KUNDAKOVA, S.V.; MOLCHANOVА, R.V. [Malchanova, R.U.]

Feeding habits of *Agrotis segetum* Schiff and *Agrotis exclamatio*nis  
L. Vestsi AN BSSR. Ser. biol. naу. no.4:121-129 '64.  
(MIRA 18:12)

KUNDASHKIN, B. S.

Paratyphoid Fever

Experience in combating paratyphoid fever in calves. Veterinariia 29 no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1952. Unclassified.

LILLE, Yu. [Lille, J.]; MURD, A.; KUNDEL', Kh. [Kundel, H.]

Chromatographic methods of determining the content of higher hydrocarbons  
in shale household gas. Khim. i tekhn. slan. i prod. ikh perer. no.12:  
142-151 '63. (MIRA 17:2)

LILLE, Yu.E. [Lille, J.]; KUNDEL', Kh.A. [Kundel, H.]; BITTER, Ya.I.  
[Bitter, J.]

Development of gas chromatography methods for the control of  
the purification of shale gas for public utilities. Khim. i  
tekhn. gor. slan. i prod. ikh perer no.13:126-131 '64.

(MIRA 18:9)

LILLE, Yu.E. [Lille, J.]; KUNDEL', Kh.A. [Kundel, H.]

Development of gas chromatography methods for the control of  
the purification of shale gas for public utilities. Report  
No.2. Khim. i tekhn. gor. slan. i prod. ikh perer no.13:  
132-141 '64.

Use of gas chromatography in the modification of the TSerevitinov  
method for determining active hydrogen content. Ibid.:254-257  
(MIRA 18:9)

LILLE, Yu.E. [Lille, J.]; MURD, A.G.; KUNDEL', Kh.A. [Kundel', H.]

Composition of shale phenols boiling at a temperature up to  
300°C and obtained from the tar of various aggregates of the  
thermal processing of oil shales. Khim. i tekhn. gor. slan. i  
prod. ikh perer no.13:265-276 '64. (MIRA 18:9)

KUNDEL', L.M.

DERBANDIKER, M.O., kandidat meditsinskikh nauk; BAZULINA, T.N., ordinator;  
GEL'MAN, A.N., ordinator; SMITRIYEV, S.N., ordinator; RABINOVICH,  
T.N., ordinator; KUNDEL', L.M., ordinator

Therapy of psoriasis in the balneological department of the Korolenko  
Clinical hospital. Vest. ven. i derm. no.1:i8-19 Ja-F '55. (MIRA 8:4)

1. Iz kozhnogo otdeleniya (zav.-K.A.Shmelev, konsul'tant - prof.  
A.I.Kartamyshev) Moskovskoy klinicheskoy kozno-venerologicheskoy  
bol'nitsy im. Korolenko (glav. vrach - zasluzhennyj vrach RSFSR  
V.P.Nikolayev).

(PSORIASIS, therapy  
balneother., results in Russia)  
(BALNEOLOGY  
balneother. of psoriasis, results in Russia)

(UNDISCLOSED)

PER, M.I., prof.; DODIOMOVA, V.G.; KUNDEL', L.M.; MASHKILLEYSOM, A.L. (Moskva)

Side effects in the treatment of certain severe skin diseases with  
ACTH and cortisone. Probl. endok. i gorm. 3 no.6:83-89 N-D '57.

(MIRA 11:3)

1. Iz muzhakogo kozhnogo otdeleniya (zav.-prof. M.I.Per) klinicheskoy  
kozhno-venerologicheskoy bol'nitsy imeni Korolenko (glavnnyy vrach-  
zaaslushennyi vrach RSFSR V.P. Nikolayev)

(SKIN DISEASES, therapy,

ACTH & cortisone, side eff. (Rus)

(ACTH, injurious effects,

side eff. in skin dis. ther. (Rus)

(CORTISONE, inj. eff.

same)

PER, M.I., prof.; DADIOMOVA, V.G.; KUNDEL', L.M.; MASHKILEYSON, A.L.;  
SHMELEV, K.A. (Moskva)

Treating some serious skin diseases with ACTH and cortisone.  
Vrach.delo supplement '57:34 (MIRA 11:3)

1. Klinicheskaya kozhno-venerologicheskaya bol'nitsa.  
(SKIN--DISEASES) (ACTH) (CORTISONE)

PER, M.I., prof.; DADIOMOVA, V.G.; KUNDELL, I.M.; MASHKILLEYSON, A.L.

Cortisone and ACTH treatment of patients with psoriatic erythroderma  
and arthropathic psoriasis. Sov.med. 23 no.10:119-123 O '59.  
(MIRA 13:2)

1. Iz muzhskogo kozhnogo otdeleniya (zaveduyushchiy - prof. M.I. Per)  
Klinicheskoy kozhno-venerologicheskoy bol'nitsy imeni V.G. Korolenko  
(glavnnyy vrach A.I. Pustovaya).

(ERYTHRODERMA ther.)

(PSORIASIS ther.)

(ARTHRITIS ther.)

(CORTICOTROPIN ther.)

(CORTISONE ther.)

PER, M.I., prof.; DADIOMOVA, V.G.; KUNDEL', L.M.; MASHKILLEYSON, A.L.

Mercusal therapy of severe forms of psoriasis. Vest. derm. i ven.  
33 no.2:60-62 Mr-Ap '59. (MIRA 12:7)

1. Iz muzhskogo kozhnogo otdeleniya (zav. - prof. M.I. Per) klini-  
cheskoy kozhno-venerologicheskoy bol'nitsy imeni Korolenko (glavnnyy  
vrach - zasluzhennyy vrach RSFSR V.P. Nikolayev).

(PSORIASIS, ther.

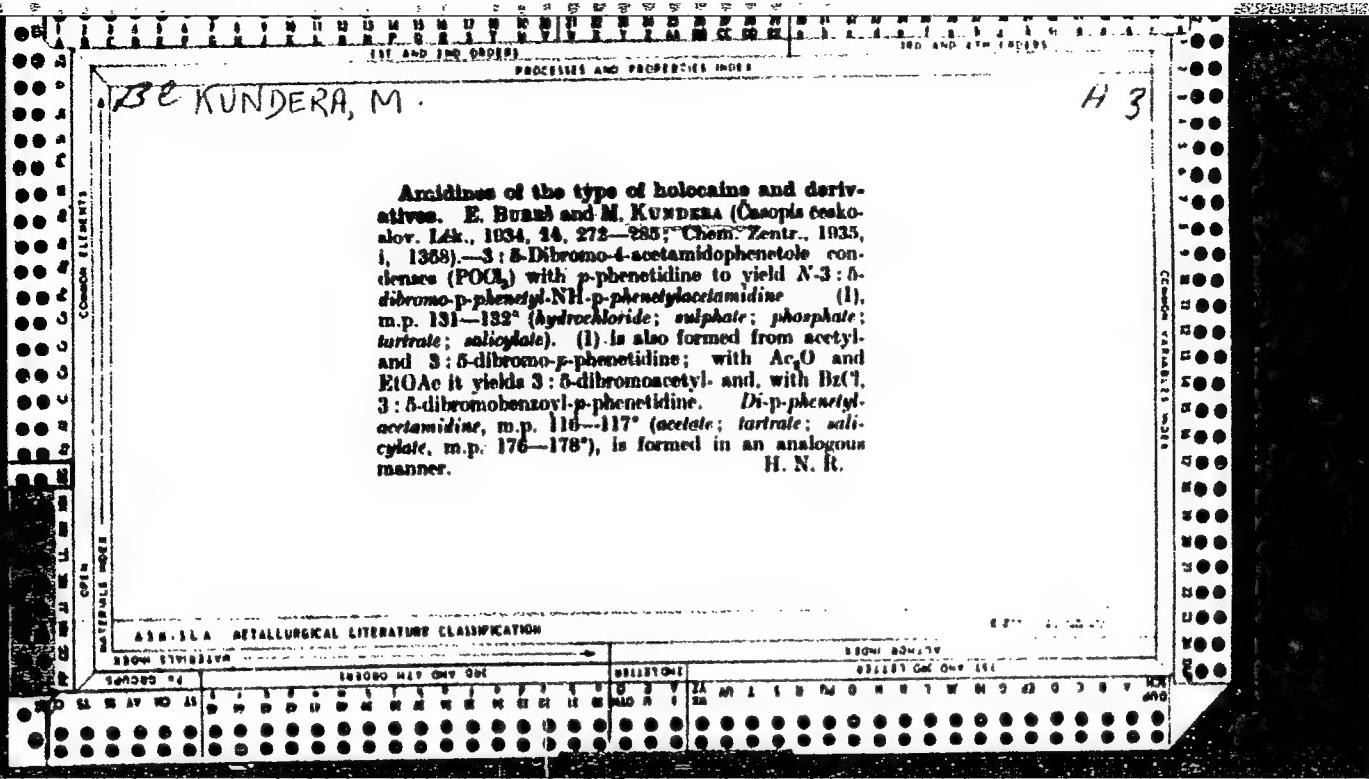
barbital-mersalyl mixture (Rus))

(BARBITURATES, ther. use,

barbital mersalyl mixture in psoriasis (Rus))

(DIURETICS, MERCURIAL, ther. use,

mersalyl-barbital mixture in psoriasis (Rus))



"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927520011-4

KUNDERA, M.

BLAZEK, J.; KUNDERA, M.

Organic compounds in the Russian Pharmacopeia VIII. Cesk. farm.  
2 no. 10-11:388-390 Nov 1953. (CIML 25:5)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927520011-4"

BLAZEK, J.; KUNDERA, M.

Organic compounds in the Soviet Pharmacopeia VIII. Cesk. farm. 4  
no.1:26-27 Jan 55.

(PHARMACOPEIA,

in Russia, organic cpds. in 8th edition)

ERBAN, Jiri; KUNDERA, Oldrich; HUSAK, Vaclav; KLEINBAUER, Karel

Gammagraph with background suppression. Jaderna energie 9  
no.7:235-238 Jl '63.

1. Ustredni dilna lekarske fakulty, Universita Palackeho;  
Radioisotopove oddeleni lekarske fakulty, Universita Palackeho,  
Olomouc.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927520011-4

KUNDEREVICH, K. V.

Safety measures when hauling from inclined workings.  
Makeevka, 1939. 7 p. (50-41622)

TN295.K85

NN

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927520011-4"

KUDREVICH, K. V.

2316 K raschetu i konstruirovaniyu parashyutov dlya. Derevyannikh  
Provodnikov. Sbornik statey (Gos. Makeevsk. nauk. - issled. in-t  
po bezopasnosti rabot v gornoj prom-sti), 1949, May c. 15-18

SO: LETOPIS' NO. 31, 1949

1949-1950

KUNDIC, V.

The development and prospects of domestic plants for electric machinery and equipment. p.30.  
(GLASNIK, No. 25/26, 1956

SO: Monthly List of East European Accessions (SEAL) 1C Vol. 6, No. 12, Dec. 1957  
Uncl.

1. KUNDIN, I.
  2. USSR (600)
  4. Farm Buildings
  7. Let's carry out our building plan ahead of time. Sel'. stroi. 7 no. 5, 1952.
- 
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

3711. SOVIET MINERS ON SECOND ANNUAL "MINERS' DAY". Kundin, M. B.  
(Ugol (Coal), 1949, (8), 17-21). A review of progress in the  
various minefields in the U.S.S.R., giving figures for  
increases in output and in degree of mechanisation. (L).

APPROVED FOR RELEASE: 06/19/2000

**CIA-RDP86-00513R000927520011-4"**

ZVORYKIN, A.A.; KIRZNER, D.M.; KUNDIN, M.B.

[Economics, organization and planning in the U.S.S.R. coal industry]  
Ekonomika, organizatsiya i planirovaniye ugol'noi promyshlennosti SSSR,  
Moskva, Ugletekhizdat, 1951. 687 p.  
(MLRA 6:8)  
(Mining industry and finance) (Coal mines and mining)

ZVORYKIN, A.A.; KIRZHNER, D.M.; KUNDIN, M.B.; DOROKHIN, N.G., otvetstvennyy  
redaktor; FEYTEL'MAN, N.G., redaktor; CHERENKOV, N.V., redaktor;  
ANDREYEV, O.O., tekhnicheskiy redaktor

[Economics of the coal industry of the U.S.S.R.] Ekonomika ugol'noi  
promyshlennosti SSSR. Izd. 2-e, perer. i dop. Moskva, Ugletekhsdat,  
1954. 427 p. [Microfilm] (MIRA 8:2)  
(Coal mines and mining)

POPOV, Vitaliy Erastovich; ZVYAGINTSEVA, Klavdiya Mikhaylovna; KUNDIN, M.B.,  
otvetatvennyy redaktor; Surova, V.A., redaktor izdatel'stva; ALADOVA,  
Ye.I., tekhnicheskiy redaktor

[Ways of increasing labor productivity in mines of the Kuznetsk  
Basin] Puti povysheniia proizvoditel'nosti truda na shakhtakh  
Kuzbassa. Moskva, Ugletekhizdat, 1956. 69 p. (MLRA 10:1)  
(Kuznetsk Basin--Coal mines and mining)

KUNDIN, Mikhail Borisovich, LERNER, B.I., otvetstvennyy redaktor; SUROVA,  
V.A., redaktor izdatel'stva; ALADOVA, Ye.I., tekhnicheskiy redaktor;  
KANASKOVA, I.R., tekhnicheskiy redaktor

[Technical and economic calculations in coal mining industry of the  
USSR] Tekhniko-ekonomicheskie raschety v ugol'noi promyshlennosti  
SSSR. Moskva, Ugletekhnizdat, 1956. 197 p. (MLRA 10:4)  
(Coal mines and mining)

ЛУЧШИЕ МАТЕРИАЛЫ ПО ГОРНОМУ ДЕЛАЮ

ZVORYKIN, Anatoliy Alekseyevich; KIRZHNER, David Mironovich; KUDLIN, Mikhail  
Borisovich; DOROKHIN, N.G., otvetstvennyy redaktor; FEYTEL'MAN, H.G.,  
redaktor izdatel'stva; KOROVENKOVA, Z.A., tekhnicheskiy redaktor;  
ALADOVA, Ye.I., tekhnicheskiy redaktor

[Production organization and planning in the Soviet coal industry]  
Organizatsiya i planirovaniye proizvodstva v ugol'noi promyshlennosti  
SSSR. Izd. 2-oe, perer. i dop. Moskva, Ugletekhizdat, 1956. 483 p.  
(Coal mines and mining) (MLRA 9:12)

KUNDI, M. 6.

Reserves for increasing the labor productivity in the coal  
industry. Tr. from the Russian. p. 6. MINNO DELO. (Ministerstvo  
na tezhkate pro ishleost) Sofia. Vol. 11, no. 1, Jan./Feb. 1956

SOURCE: East European Accessions List, (EEAL), Library of  
Congress, Vol. 5, no. 12, December 1956

KIRZHNER, David Mironovich; KUNDIN, Mikhail Borisovich; NIKOL'SKIY,  
V.S., otv.red.; GOLIBYATNIKOVA, G.S., red.izd-va; NADEINSKAYA,  
A.A., tekhn.red.; LOMILINA, L.N., tekhn.red.

[Wage organization in the coal mining and mining industries]  
Organizatsiya zarabotnoi platy v ugol'noi i gornorudnoi promysh-  
lennosti. Moskva, Ugletekhizdat, 1959. 65 p. (MIRA 12:8)  
(Wages)

ZVORYKIN, Anatoliy Alekseyevich , prof.; KIRZHNER, David Mironovich;  
KUNDIN, Mikhail Borisovich, inzh.; RACHKOVSKIY, S.Ya., prof., otv.  
red.; ASTAKHOV, A.S., kand. èconom. nauk, otv. red.; GOLUBEYATNIKOVA,  
G.S., red. izd-va; PROZOROVSKAYA, V.L., tekhn. red.

[Economics of the mining industry] Ekonomika gornoj promyshlennosti.  
Izd.3., perer., dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po  
gornomu delu, 1961. 439 p. (MIRA 14:9)  
(Mineral industries)

KUNDIN, Mikhail Borisovich; GRIPER, N.S., red.izd-va; LOMILINA,  
L.N., tekhn. red.

[Fundamentals of planning in the coal industry of the  
U.S.S.R.] Osnovy planirovaniia v ugel'noi promyshlennosti  
SSSR. Moskva, Gosgortekhizdat, 1962. 97 p. (MIRA 16:8)  
(Coal mines and mining--Management)

KOZIN, Yuriy Vladimirovich; MINEVICH, Abram Solomonovich; AL'TSHULER,  
Khatsa Khaimovich; KUNDIN, M.B., otv. red.; MIROSHNICHENKO,  
V.D., red.izd-va; LOMILINA, L.N., tekhn. red.

[Economic effectiveness of automation in the mining industry]  
Ekonomicheskaja effektivnost' avtomatizatsii v gornoj pro-  
myshlennosti. Moskva, Gosgortekhizdat, 1963. 251 p.  
(MIRA 16:2)

(Mining engineering) (Automation)

RUDNIKOV, Yury Aleksandrovich; KUNDIN, M.B., retsenzenty

[Amortization of capital assets in the mining industry]  
Amortizatsiya osnovnykh fondov v gornoj promyshlennosti.  
Moskva, Izd-vo "Nedra," 1964. 6'':. (MIFPA 17:7)

LENAGOVSKIY, Yuryi Borisovich; RUSSEIN, M.B., retsensent

[Costs in the coal industry of the U.S.S.R.] Sotsial'nye  
costy v ugel'noi promyshlennosti SSSR. Kolkvo, 1961-62  
"Nedra," 1964. 64 p.

KUNDIN, Mikhail Borisovich. Prinimal uchastiyu LESHCHINSKIY, M.I.,  
kand. ekon. nauk; BAKLAVOV, G.I., red.; DZHARAGIDZE, V.V.,  
red.; FROLOVA, N.F., red.

[Statistics of the coal industry] Statistika ugol'nic pro-  
myshlennosti. Moskva, Statistika, 1965. 119 p.  
(MINA 18:0)

KUNDIN, M.V.

[Increasing labor productivity in the coal industry] Povyshat' proizvoditel'nost' truda v ugol'noi promyshlennosti. Moskva, Uglatekhizdat, 1954. 76 p. (MIRA 8:3D)

EFROS, D.A.; KUNDIN, S.A.

Determination of the average size of gas bubbles in the nonsteady  
flow of a gassy fluid. Trudy VNII no.10;318-338 '57. (MIRA 14:6)  
(Gas, Natural)

EFROS, D.A.; KUNDIN, S.A.

Using the hydraulic cutoff method for measuring changes in saturation.  
Trudy VNII no.10:339-348 '57. (MIRA 14:6)  
(Oil reservoir engineering)

KUNDIN, S.A.

Experimental study of the displacement of bubble-point oil by  
gas. Nauch.-tekhn. sbor. po dob. nefti no.15:21-26 '61.

(MIRA 15:9)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.  
(Oil reservoir engineering)

KUNDIN, S.A.

Calculations of the process of flooding gassy oil given constant formation pressure. Nauch.-tekhn. sbor. po dob. nefti no.13:  
39-46 '61. (MIRA 16:7)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.  
(Oil field flooding)

KUNDIN, S.A.; KURANOV, I.F.

Hydrodynamic calculations of certain multiphase fluid flows.  
Trudy VNII no.42:43-58 '65. (MIRA 18:5)

KUNDE, A.

Pneumatic chuck for machining flanged parts. Stan. i instr.  
'46 no.7;37 Jl '65. (MIRA 18:8)

1. KUNDIN, V.
  2. USSR (600)
  4. Shundik, Nikolai
  7. People of socialist Chukotka ("Nimble deer." Nikolai Shundik. Reviewed by V. Kundin). Zvezda No. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

GLAZMAN, B.A.; SAVINYKH, A.G.; GLADKOVA, A.A.; LYUKHANOV, O.F.; KUNDIN, V.M.;  
MERTINS, I.P.

Automation of hydrolysis processes. Gidroliz. i lesokhim. prom.  
17 no.7:25-28 '64. (MIRA 17:11)

1. Krasnodarskiy gidroliznyy zavod (for Glazman, Savinykh, Gladkova,  
Lyukhanov). 2. Proyektno-konstruktorskoye byuro Severo-Kavkazskogo  
soveta narodnogo khozyaystva (for Kundin, Mertins).